

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5208
Name Mobil Oil Corporation
Address P.O. Box 5444
City/State/Zip Denver, CO 80217

Purchaser Northern Natural

Operator Contact Person J. E. Dawson
Phone (303) 298-2696

Contractor: License # 9137
Name Unit Drilling & Exploration

Wellsite Geologist T. N. Ivrdik
Phone (303) 298-3689

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
3/7/86 3/14/86 4/17/86
Spud Date Date Reached TD Completion Date
6490 6444
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1795 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3229 feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-189-20901-0000

County Stevens

..C.. SW.. NW. Sec.. 33 Twp. 32S. Rge. 36.. East West

3300 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

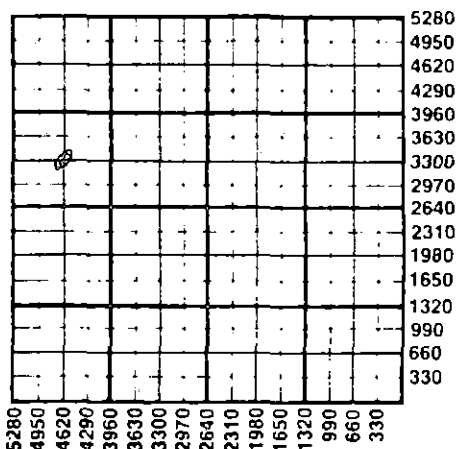
Lease Name Wing #1 Unit Well # 3

Field Name Walkemeyer, *NEW*

Producing Formation L. Morrow

Elevation: Ground 3073' KB 3090'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # D-117710

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T86-121

Groundwater 3330 Ft North from Southeast Corner
4780 Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature *J. E. Dawson* J. E. Dawson

Title Producing Accounting Supervisor Date 10.9.86

Subscribed and sworn to before me this 9th day of October 1986
Notary Public *Deborah Cavette*

Date Commission Expires MY COMMISSION EXPIRES 7/2/90

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
CONS. DIV. WICHITA, KS

10-14-86

Form ACO-1 (7-84)

OCT 17 1986

Sec 33 Twp 32 S Rge 36 W

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Wing #1 Unit Well # 3
 Sec. 33 Twp. 32S Rge. 36 East West County Stevens

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

Frac Data Report:

4,000 gals gelled water prepad
 9,450 gals foam pad
 3,659 gals foam w/1 ppg 20/40
 5,726 gals foam w/2 ppg 20/40
 7,951 gals foam w/3 ppg 20/40
 1,500 gals foam w/4 ppg 20/40
 730 gals foam flush

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	32#	1795'	65/35 POZ	680	3% CaCl2
Production	7 7/8"	5 1/2"	15.5#	6490'	"H"	100	3% CaCl2
					"H"	318	2% gel
					*65/35 POZ	104	2% CaCl2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	5995-6013						
	6034-6045						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer at				
	2 7/8"	5848	5861'				
Date of First Production	Producing Method						
N/A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	2260 MCF	Bbls		GFPB		

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

Production Interval
 5995-6045 O.A.

*146 sxs 50/50 POZ + 2% gel

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

8 October, 1986

Ms. Kathy Carlisle
Kansas State Corporation Commission
Conservation Division
200 Colorado Derby Building
202 West First Street
Wichita, KS 67202-1286

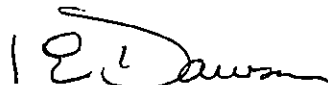
WELL NAME: Wing # 1 Ut # 3
LOCATION: Sec 33 - 32S - 36W
COUNTY: Stevens

Dear Ms. Carlisle:

In reference to the subject well, enclosed are the following items:

- / ✓ Well History * geological data will be forwarded
- / / Logs _____
- / / Confidentiality Request

Very truly yours,



J. E. Dawson
Producing Accounting Supervisor

BABagnall/iml
Enclosures

RECEIVED
STATE CORPORATION COMMISSION
CONS. DIV. WICHITA, KS

OCT 14 1986